

Lt3042 module

CJMCU-3042 LT3042 PSRR RF Ultra Low Noise Linear Voltage Regulator Power Module

Specifications:

Programmable power good.

Fast start-up capability.

Precision enable/UVLO.

Parallelable for lower noise and higher current.

Internal current limit with foldback.

Applications:

RF Power Supplies: PLLs, VCOs, Mixers, LNAs.

Very Low Noise Instrumentation.

High Speed/High Precision Data Converters and Applications: Imaging, Diagnostics and Precision Power Supplies.

Post-Regulator for Switching Supplies.

Item Name: LT3042 Module

Material: FR-4 Board

Ultrahigh PSRR: 79dB at 1MHz

Output Current: 200mA

Wide Input Voltage Range: 1.8V to 20V

Single Capacitor Improves Noise and PSRR and 100 μ A SET Pin Current:

$\pm 1\%$ Initial Accuracy and Single Resistor Programs Output Voltage

High Bandwidth: 1MHz

Programmable Current Limit

Low Dropout Voltage: 350mV

Output Voltage Range: 0V to 15V

Minimum Output Capacitor: 4.7 μ F Ceramic

Features: Compact Size, Durable, Easy to Use

Length: 12mm/0.47", Width: 30mm/1.18" (Approx.)

Zagros electronic